

AMENDMENTS TO THE CLAIMS

The following is a complete, marked up listing of revised claims with a status identifier in parentheses, underlined text indicating insertions, and strikethrough and/or double-bracketed text indicating deletions.

1. (Currently Amended) A computer readable medium storing a data structure for managing reproduction of graphic data by a reproducing apparatus, comprising:

a data area storing a plurality of transport packets multiplexed with other data, the transport packets representing one or more graphic segments ~~one or more graphic segments, each of which includes graphic data, multiplexed with other data, and each graphic segment including a plurality of transport packets,~~ wherein

each transport packet in a graphic segment has a same packet identifier (PID),

at least one transport packet in the graphic segment includes an identifier that the transport packet is part of a graphics packet,

the at least one transport packet in the graphic segment includes graphic information for managing reproduction of graphic images, and

another at least one transport packet in the graphic segment includes an arrival time stamp of the graphic images.

2. (Canceled)

3. (Previously Presented) The computer readable medium of claim 1, wherein the other data includes at least one of movie data, audio data and still picture data.

4. (Canceled)

5. (Canceled)

6. (Canceled)

7. (Canceled)

8. (Currently Amended) A method of reproducing a data structure for managing reproduction of graphic data from a recording medium, comprising:

reproducing one or more graphic segments from the recording medium, each of which includes graphic data and each graphic segment including a plurality of transport packets, the transport packets representing the graphic segment and multiplexed with other data, wherein, ~~multiplexed with other data, and each graphic segment including a plurality of transport packets, wherein~~

each transport packet in a graphic segment has a same packet identifier (PID),

at least one transport packet in the graphic segment includes an identifier that the transport packet is part of a graphics packet,

the at least one transport packet in the graphic segment includes graphic information for managing reproduction of graphic images, and

another at least one transport packet in the graphic segment includes an ~~arrival~~ time stamp of the graphic images.

9. (Currently Amended) An apparatus for reproducing a data structure for managing reproduction of graphic data from a recording medium, comprising:

an optical reproducing device configured to reproduce data recorded on the recording medium;

a controller configured to control the optical reproducing device to reproduce one or more graphic segments, each graphic segment including a plurality of transport packets, the transport packets multiplexed with other data ~~from the recording medium, each of which includes graphic data, multiplexed with other data, and each graphic segment including a plurality of transport packets, wherein~~

each transport packet in a graphic segment has a same packet identifier (PID),

at least one transport packet in the graphic segment includes an identifier that the transport packet is part of a graphics packet,

the at least one transport packet in the graphic segment includes graphic information for managing reproduction of graphic images, and

another at least one transport packet in the graphic segment includes an arrival time stamp of the graphic images.

10. (Currently Amended) A method of recording a data structure for managing reproduction of graphic data on a recording medium, comprising:

recording one or more graphic segments on the recording medium, each of which includes graphic data, each graphic segment including a plurality of transport packets, the transport packets multiplexed with other data, wherein multiplexed with other data, and each graphic segment including a plurality of transport packets, wherein

each transport packet in a graphic segment has a same packet identifier (PID),

at least one transport packet in the graphic segment includes an identifier that the transport packet is part of a graphics packet,

the at least one transport packet in the graphic segment includes graphic information for managing reproduction of graphic images, and

another at least one transport packet in the graphic segment includes an arrival time stamp of the graphic images.

11. (Currently Amended) An apparatus for recording a data structure for managing reproduction of graphic data on a recording medium, comprising:

an optical recording device configured to record data on the recording medium;

an encoder for encoding at least multiple reproduction path video data; and

a controller configured to control the optical recording device to record one or more graphic segments, each graphic segment including a plurality of

transport packets, the transport packets multiplexed with other data, on the recording medium, each of which includes graphic data, multiplexed with other data, and each graphic segment including a plurality of transport packets, wherein

each transport packet in a graphic segment has a same packet identifier (PID),

at least one transport packet in the graphic segment includes an identifier that the transport packet is part of a graphics packet,

the at least one transport packet in the graphic segment includes graphic information for managing reproduction of graphic images, and

another at least one transport packet in the graphic segment includes an arrival time stamp of the graphic images.

12. (Canceled)

13. (Previously Presented) The method of claim 8, wherein the other data includes at least one of movie data, audio data and still picture data.

14. (Canceled)

15. (Canceled)

16. (Previously Presented) The apparatus of claim 9, wherein the controller is configured to control the optical reproducing device to reproduce the other data, the other data including at least one of movie data, audio data and still picture data.

17. (Canceled)

18. (Canceled)

19. (Previously Presented) The method of claim 10, wherein the other data includes at least one of movie data, audio data and still picture data.

20. (Canceled)

21. (Canceled)

22. (Previously Presented) The apparatus of claim 11, wherein the controller is configured to control the optical recording device to record the other data, the other data including at least one of movie data, audio data and still picture data.

23. (Canceled)

24. (Previously Presented) The computer readable medium of claim 1, wherein the graphic information includes information on position to display the graphic images, presentation time to display the graphic images, and duration to display the graphic images.

25. (Previously Presented) The method of claim 8, wherein the graphic information includes information on position to display the graphic images, presentation time to display the graphic images, and duration to display the graphic images.

26. (Previously Presented) The apparatus of claim 9, wherein the controller is configured to control the optical reproducing device to reproduce the graphic information including information on position to display the graphic images, presentation time to display the graphic images, and duration to display the graphic images

27. (Previously Presented) The method of claim 10, wherein the graphic information includes information on position to display the graphic images,

presentation time to display the graphic images, and duration to display the graphic images.

28. (Previously Presented) The apparatus of claim 11, wherein the controller is configured to control the optical recording device to record the graphic information including information on position to display the graphic images, presentation time to display the graphic images, and duration to display the graphic images.

29. (New) The computer readable medium of claim 1, the computer readable medium further includes navigation information to reproduce the one or more graphic segments, the graphic segments are reproduced using a playlist.

30. (New) The method of claim 8, wherein the one or more graphic segments are reproduced using a playlist.

31. (New) The method of claim 9, wherein the controller controls the reproducing device to reproduce the one or more graphic segments using a playlist.

32. (New) The method of claim 10, further recording navigation information to reproduce the one or more graphics segments, the graphic segments are reproduced using a playlist.

33. (New) The method of claim 11, the controller controls the recording device to record navigation information, the navigation information including a playlist to reproduce the graphic segments.

END OF CLAIMS LISTING

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